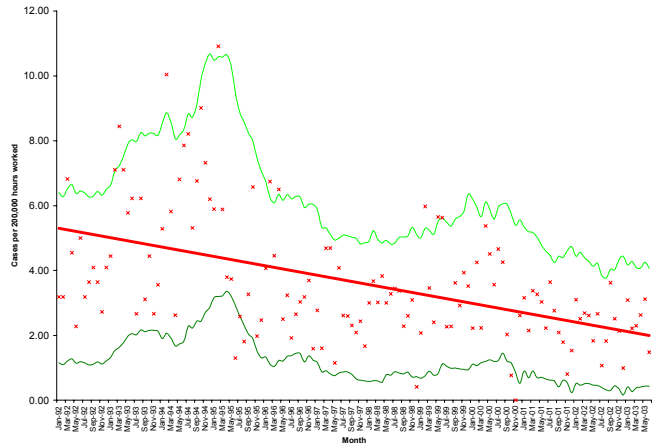


Berkeley Lab Accident Statistics

As Of
July 14, 2003

Note that there are several different time frames for which injury data are presented: calendar year, fiscal year, and self-assessment performance year.

Calendar year data are most commonly used to compare accident rates in the US. The calendar year is used by the Bureau of Labor Statistics for national rates, and almost every organization that engages in benchmarking will use annual data. Most of the data published by DOE also use the calendar year.

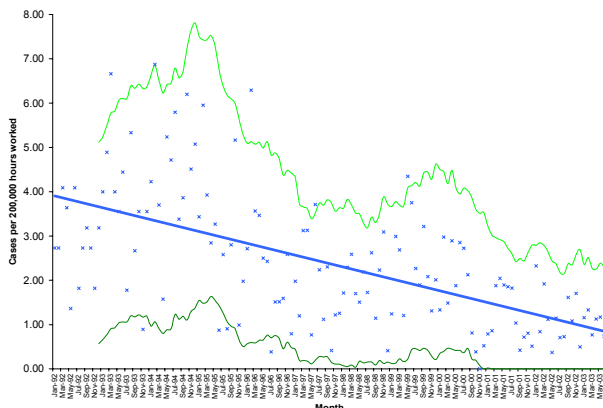


Fiscal year (October – September) data are used by DOE to measure Berkeley Lab performance under Appendix F, and to measure all contractors' quality of ISM implementation.

Self-assessment year (July – June) data are perhaps the most important for internal use at the Berkeley Lab, since all division performance is assessed on that basis.

Other

Accident statistics are also displayed as moving averages, showing monthly rates and 12 months moving averages. In particular when combined with confidence limits, these graphs give the earliest indications of improving or deteriorating trends.



Most recently, the Office of Science is also beginning to measure injury frequency rates on a quarterly basis, with a 5-year linear trend line. This gives a fair indication of improving or deteriorating performance in recent years.

**Compiled By
Matt Kotowski**

External Performance Measures

External performance measures are the Appendix F accident prevention measure and two of the five criteria DOE uses to determine the quality of ISM implementation. These measures are tracked on a fiscal year basis.

Appendix F

The graph on p. 3 shows current performance under the Appendix F accident prevention measure, as well as performance in prior fiscal years. Note that this is a 5-year measure, which will be completed at the end of September 2003.

The graphs on pp. 4 and 5 show the cumulative performance for the current fiscal year, compared to goals and the previous year's performance.

ISM Implementation – Cost Index

DOE compares the Berkeley Lab site-wide cost index to evaluate how well the Berkeley Lab has succeeded in implementing Integrated Safety Management. This is shown at the very right side of the graph on p. 6, right next to the most recent available DOE complex-wide cost index value. The graph also shows how the divisions and the different components contribute to the LBNL performance.

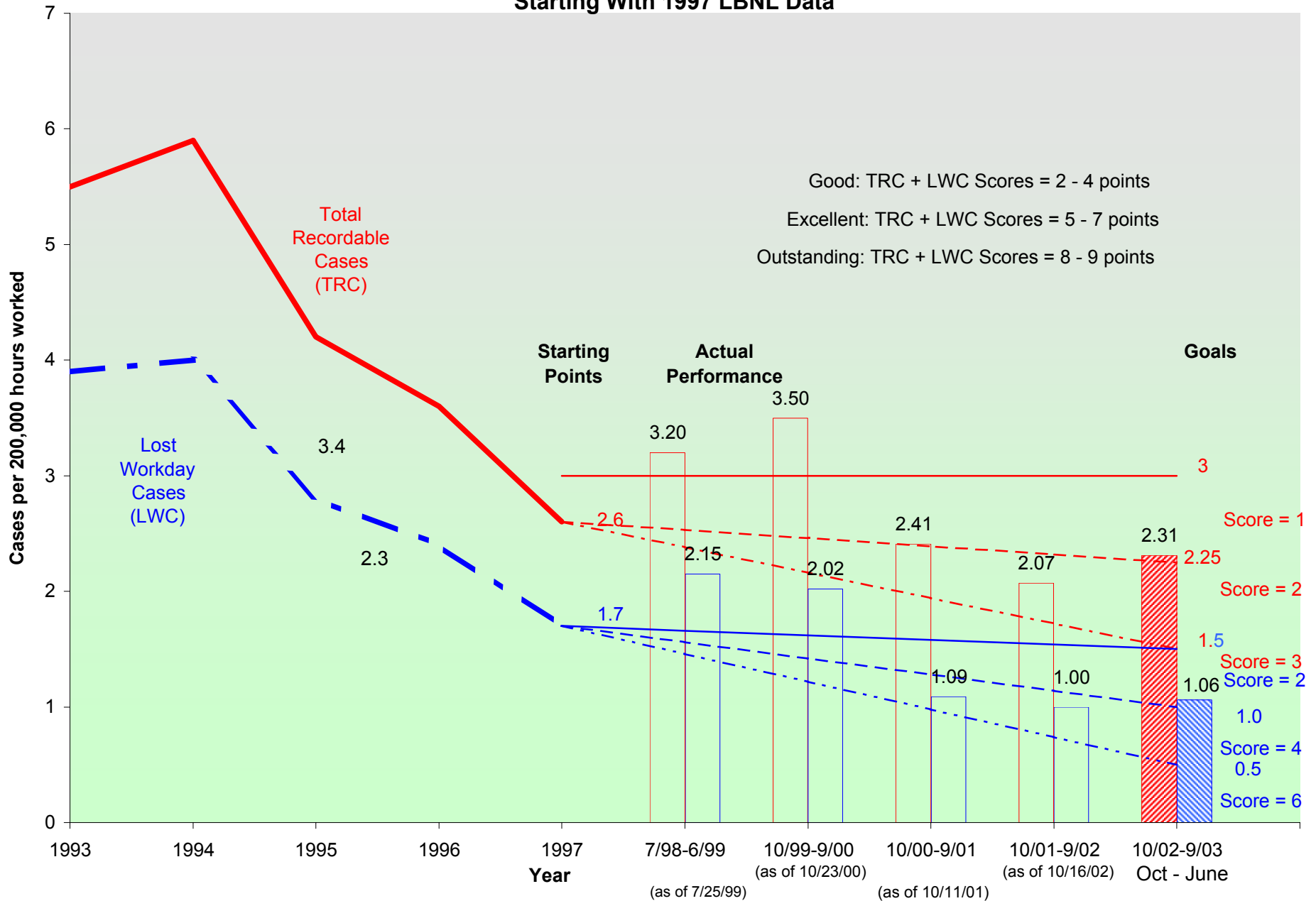
ISM Implementation – Total Recordable Case Rate

Site-wide performance under this measure is shown in the graph on p. 7, compared to the most recent DOE complex-wide value. Division performance is also shown.

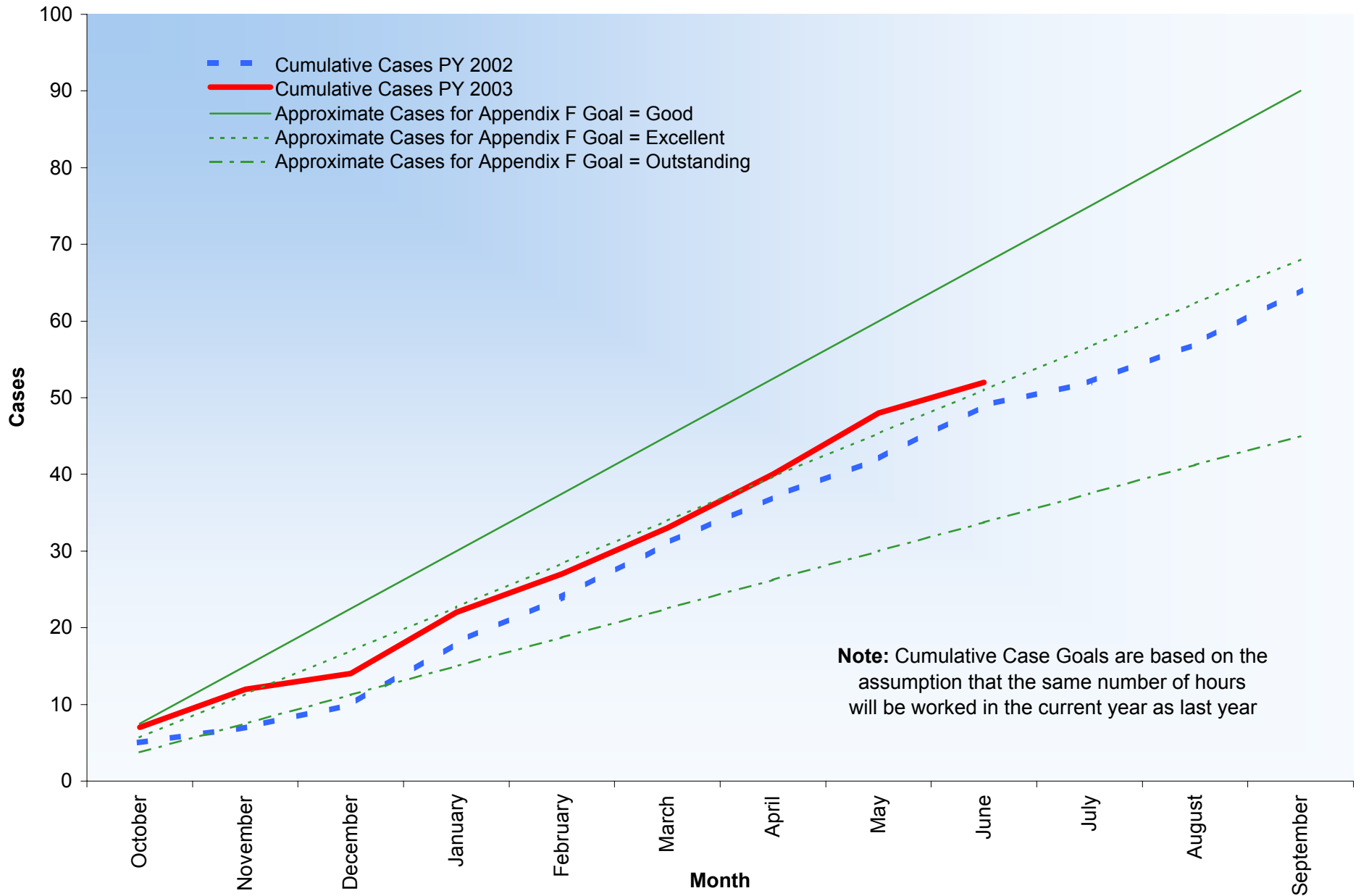
Office of Science

The DOE Office of Science has elected to compare performance of Office of Science Labs using quarterly frequency rates with 5-year linear trend lines. Berkeley Lab TRC rates using this technique are shown on p. 8, and DART rates are shown on p. 9. These graphs are used by the head of the Office of Science quarterly to brief the Assistant Secretary on safety performance by the Laboratories managed by the Office of Science..

**Appendix F 1.3.d Performance
Based On Beating Best In Class In 5 Years
Starting With 1997 LBNL Data**



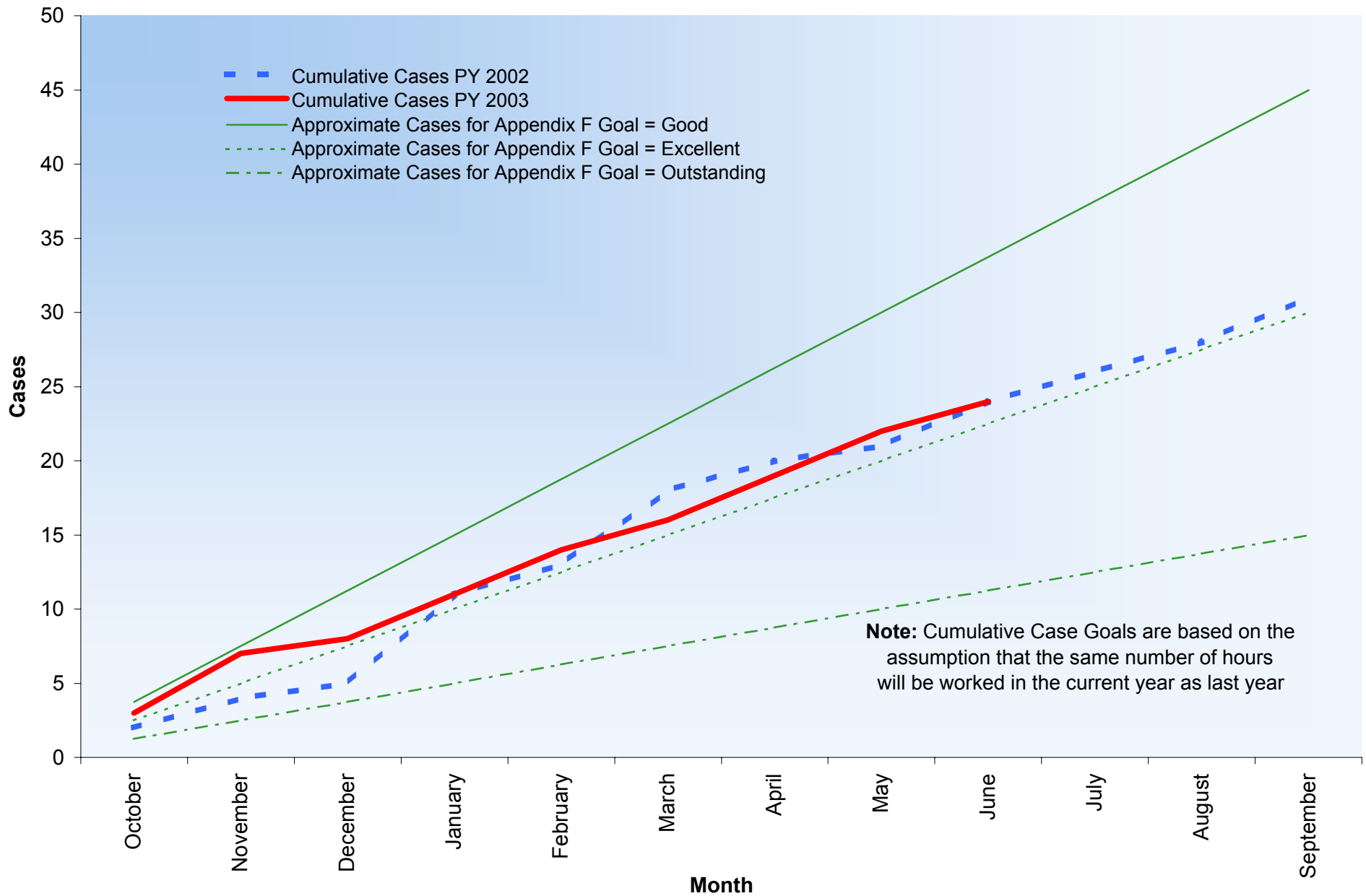
Berkeley Lab & Contractors Cumulative Total Recordable Cases By Appendix F Year



Berkeley Lab & Contractors

Cumulative DART (Days Away, Restricted, Transferred) Cases

By Appendix F Year

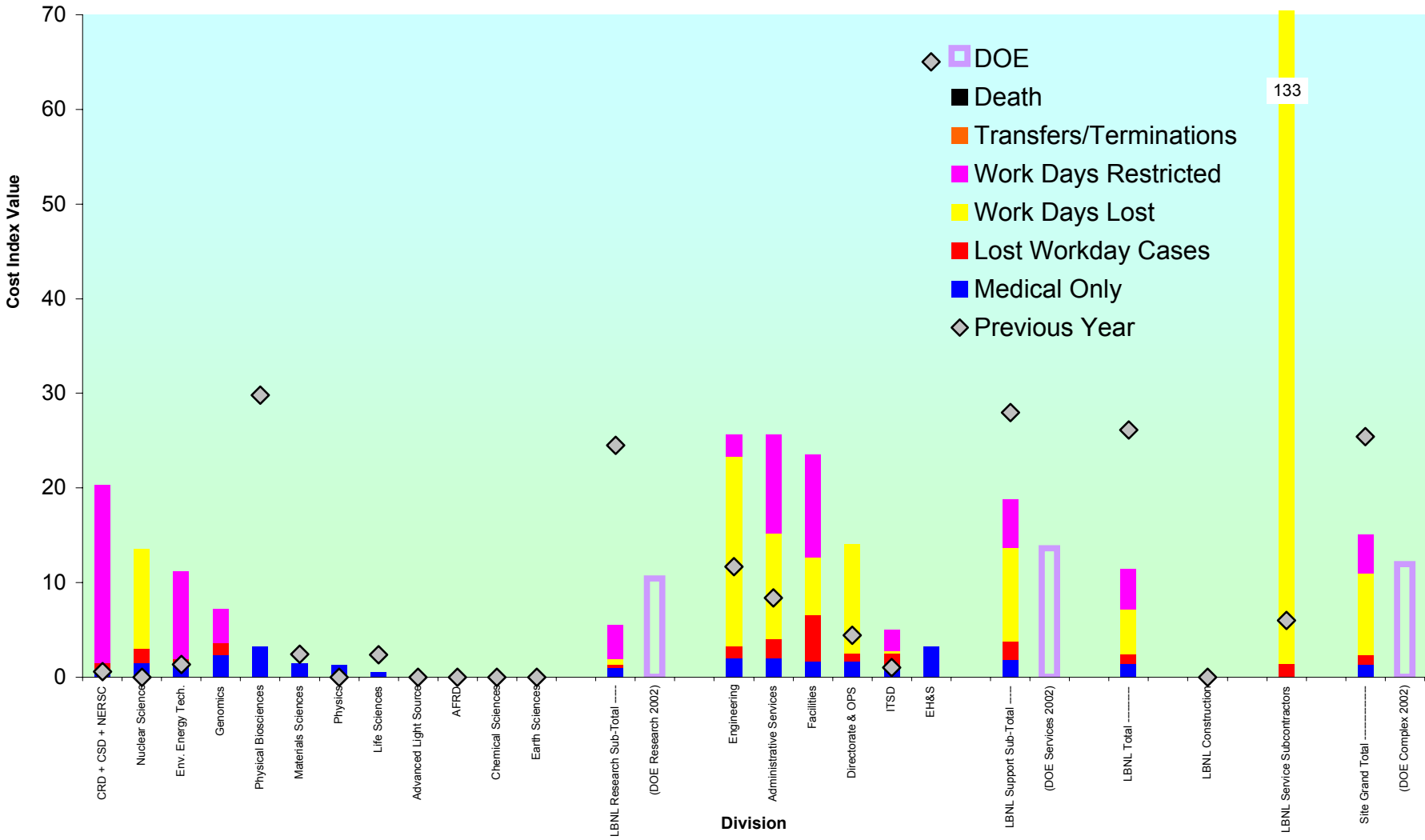


DOE ISMS Performance Measure

LBNL Cost Index 10/1/02 - 6/30/03

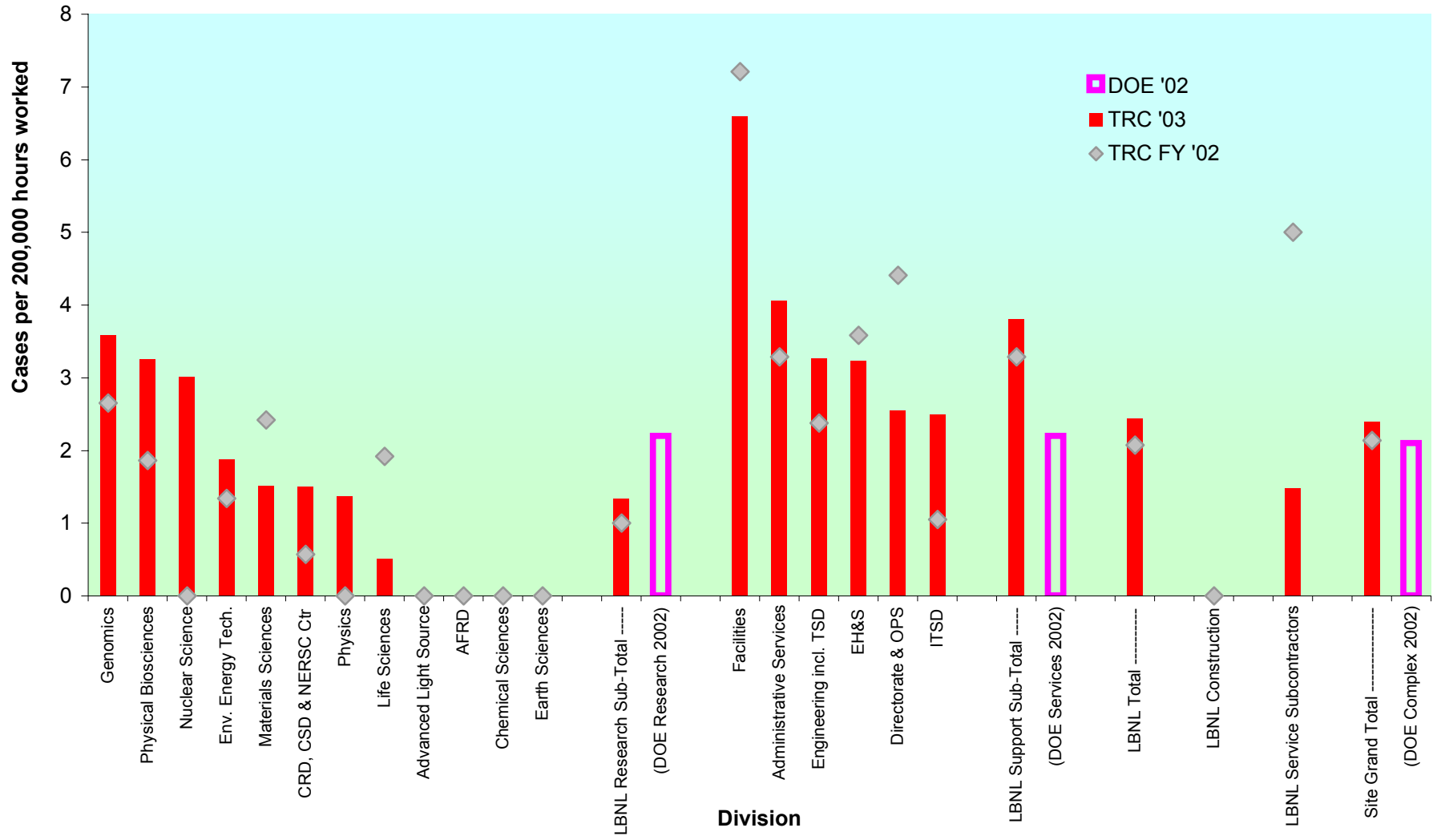
193 in '02

98 in '02

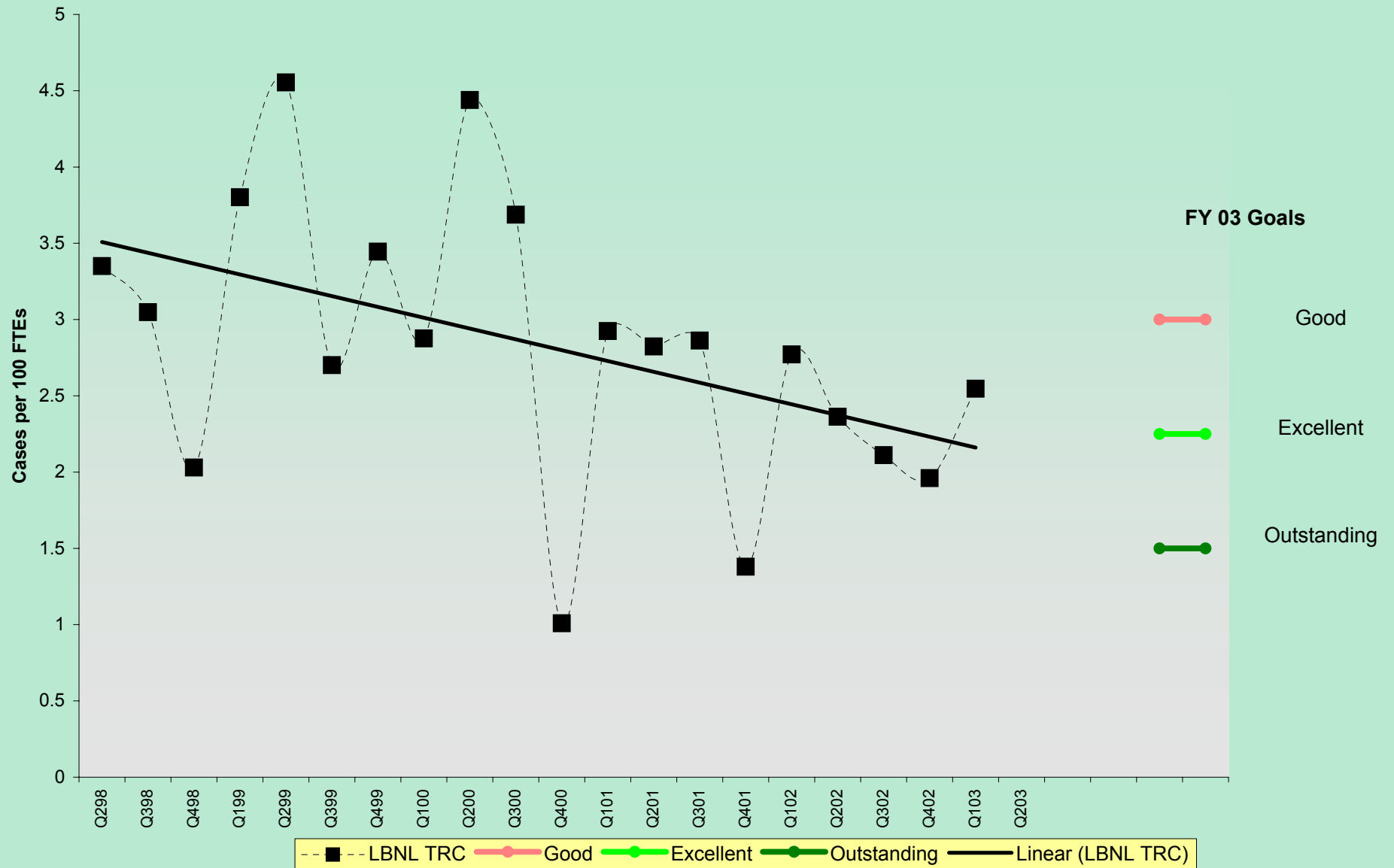


DOE ISM Performance Measure

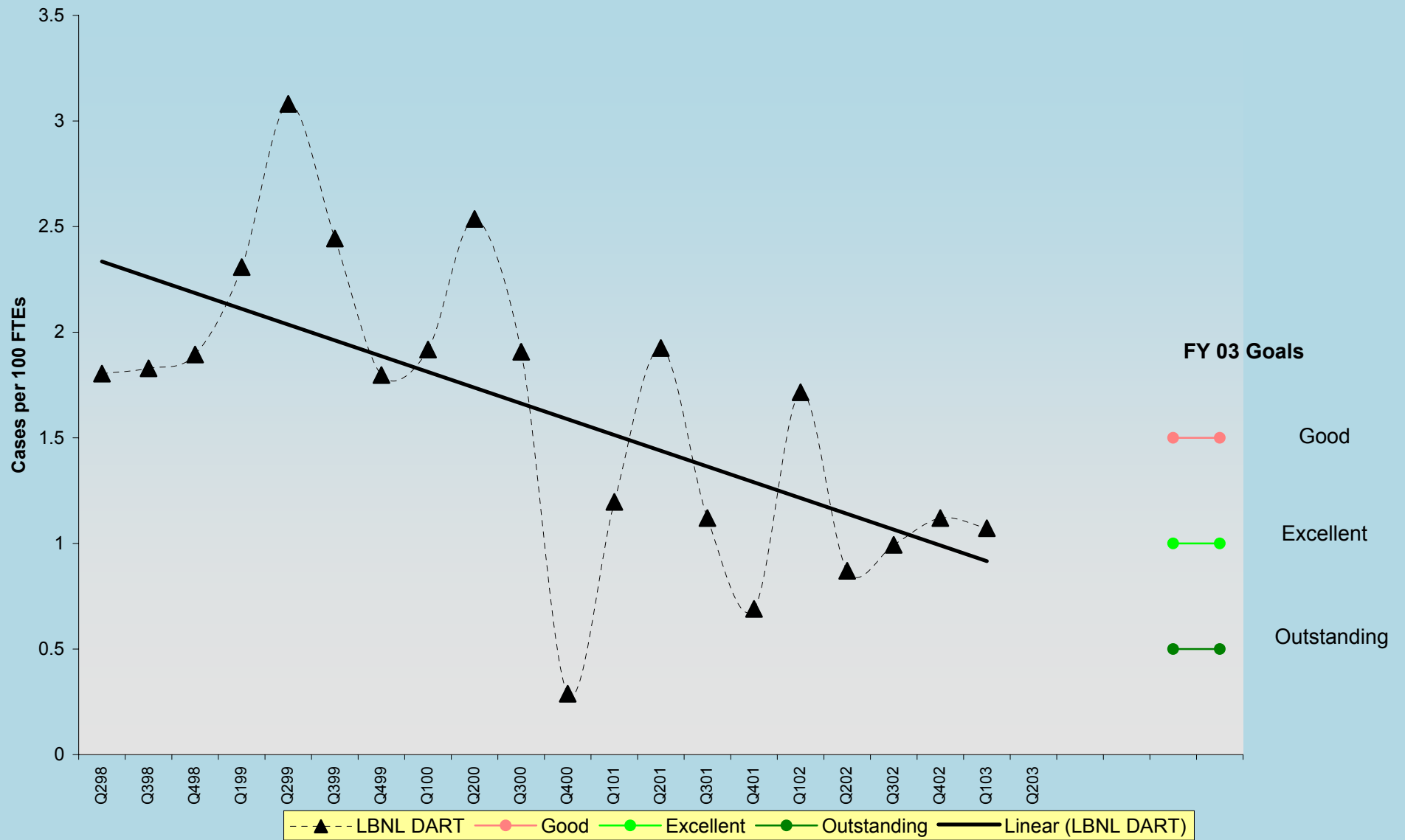
LBNL Total Recordable Case Rates 10/1/02 - 6/30/03



Berkeley Lab Quarterly TRC Rates, 5-Year Linear Trend & FY 03 Goals



Berkeley Lab Quarterly DART Rates, 5-Year Linear Trend & FY 03 Goals



Site-Wide Rates

Annual Rates

The graph on p. 11 depicts Berkeley Lab TRC and DART rates, alongside corresponding rates for DOE Contractors. This graph shows the long-term trends most clearly.

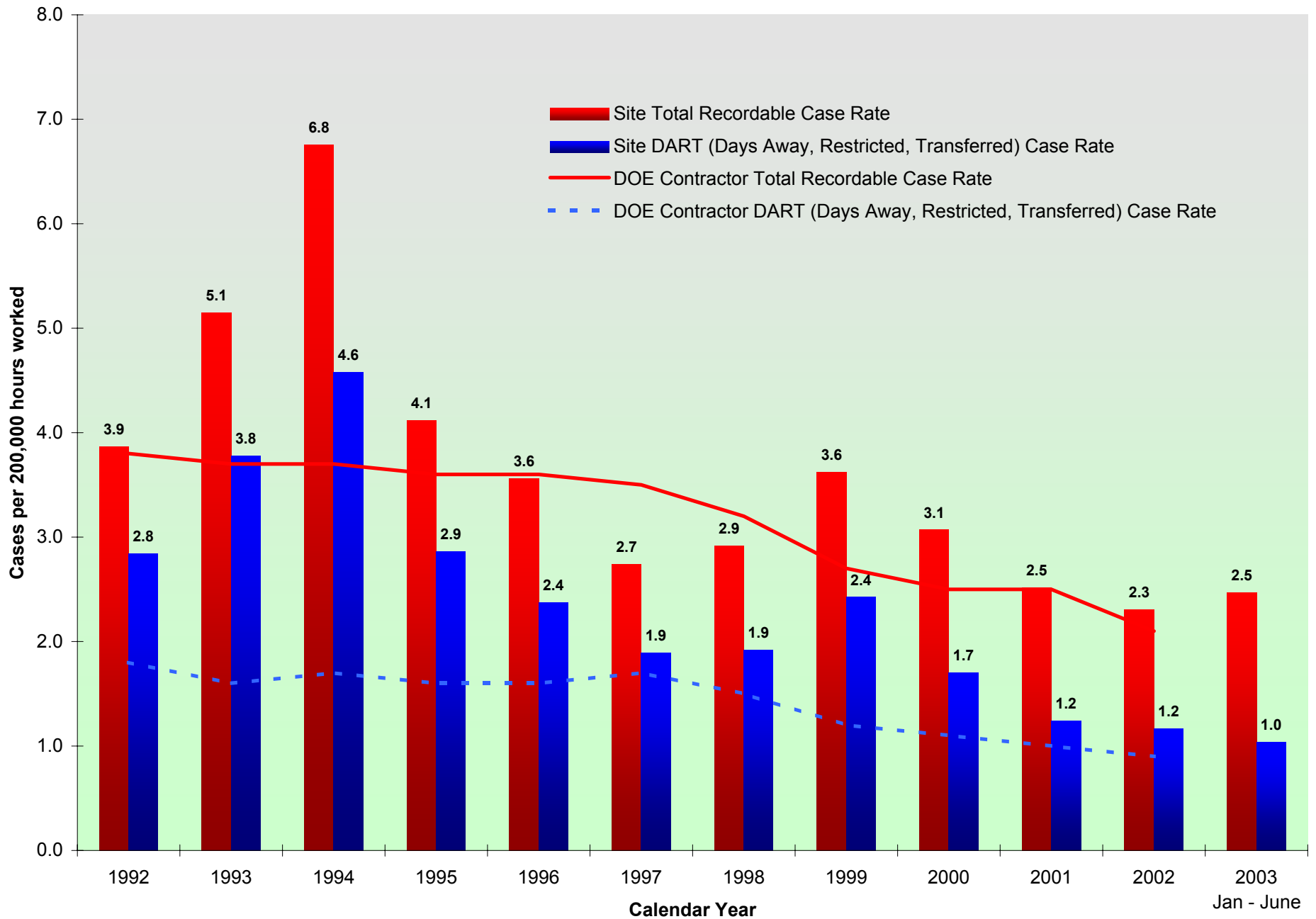
TRC Moving Averages with Control Limits

The graph on p. 12 depicts the TRC 12-months moving average rate in red. Control limits are shown at the 95% confidence level. Variations in the monthly rates within the control limits are expected. Variations in the monthly rates that exceed the trigger points in the interpretation rules may be statistically significant and warrant further investigation. But note that 5% of monthly rates are statistically expected to fall outside of the confidence limits.

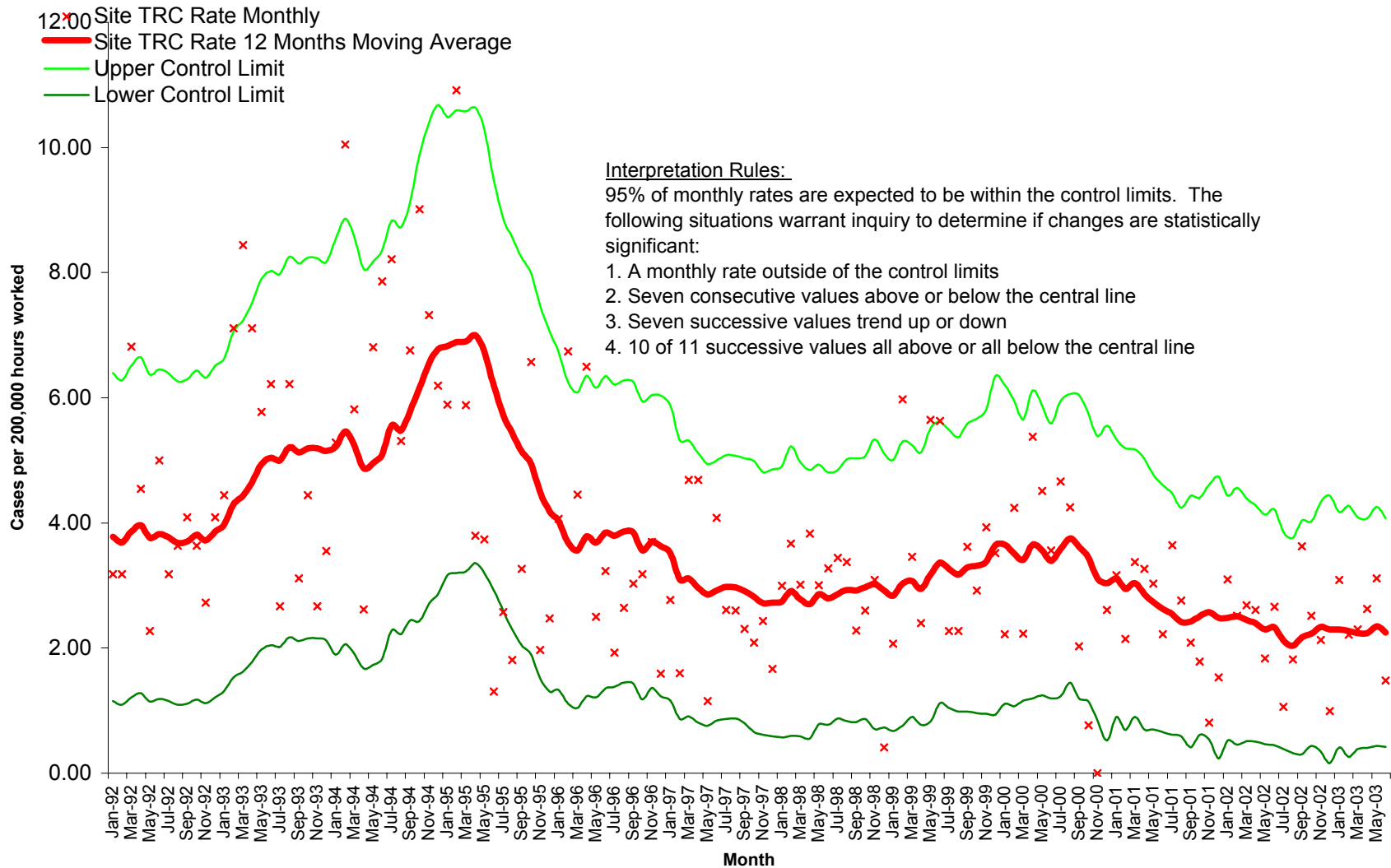
DART Moving Averages with Control Limits

The graph on p. 13 depicts the DART 12-months moving average rate in blue. Control limits are shown at the 95% confidence level. Variations in the monthly rates within the control limits are expected. Variations in the monthly rates that exceed the trigger points in the interpretation rules may be statistically significant and warrant further investigation. But note that 5% of monthly rates are statistically expected to fall outside of the confidence limits.

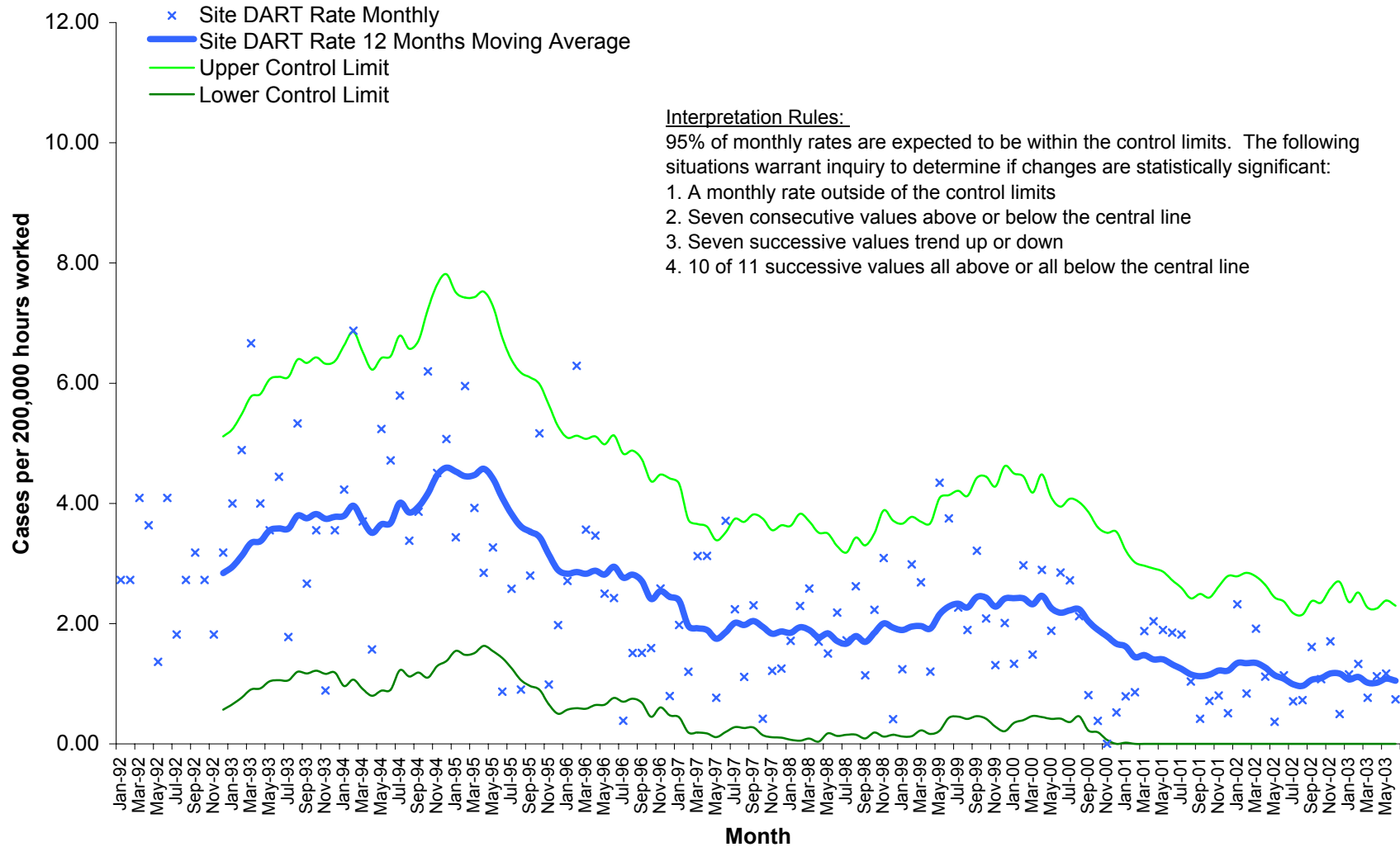
Berkeley Lab Site Accident Rates



Berkeley Lab Total Recordable Case Rates With Control Limits At 95% Confidence Level



Berkeley Lab DART Rates With Control Limits At 95% Confidence Level (Cases with Days Away, Restricted or Transferred)



Self-Assessment

Berkeley Lab self-assessment goals include two accident prevention measures – division performance for TRC and DART rates. In both cases, the rates are tied to the Appendix F goals, and credit is given for small numbers of accidents and (at year end) for improvement in performance.

Green = Rate below 75% of the Appendix F goal, or
Only one case, or
Improvement of 20% or more over the previous year.

Yellow = Rate between 75% and 125% of Appendix F goal, or
Only 2 cases, or
Improvement of 10% or more over the previous year.

Red = Rate above 125% of Appendix F goal, and
More than 2 cases, and
Improvement less than 10% over previous year.

TRC Performance

The graph on p. 15 shows the division performance for the self-assessment year to date, for the previous 2 self-assessment years. Goal Levels are indicated.

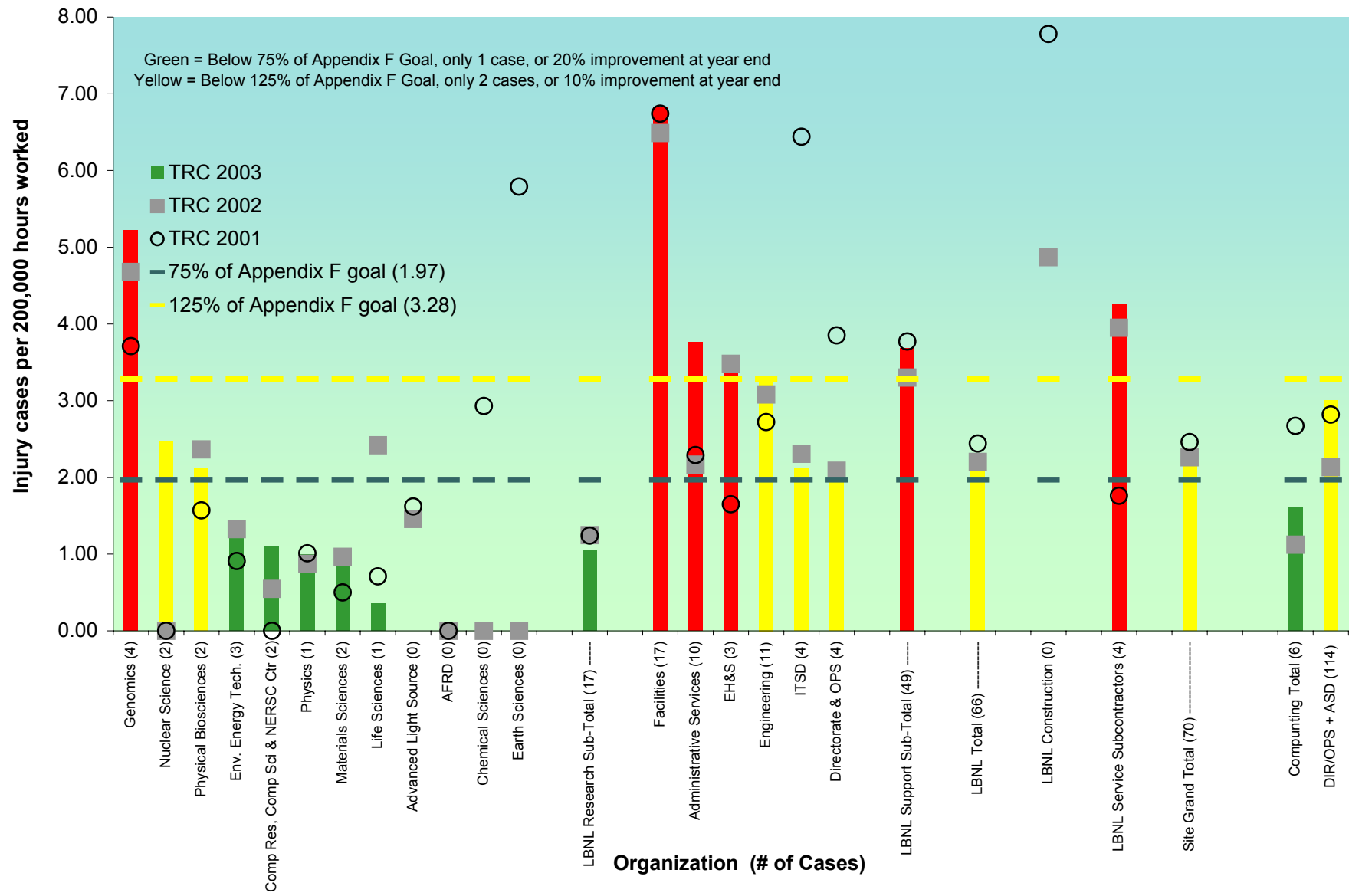
The graph on p. 16 shows the cumulative TRC performance for the current performance year, compared to goals and the previous year's performance.

DART Performance

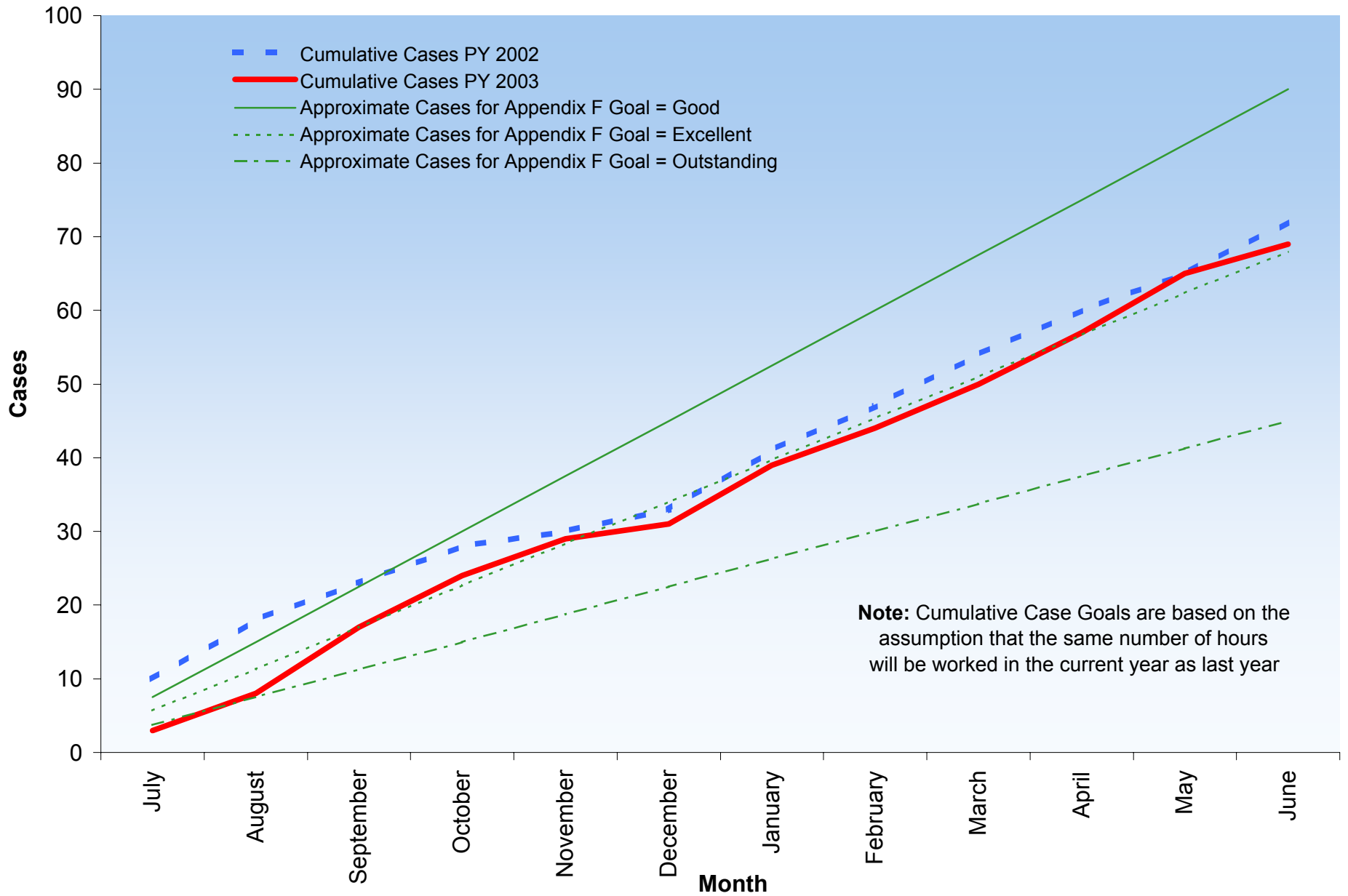
The graph on p. 17 shows the division performance for the self-assessment year to date, for the previous 2 self-assessment years. Goal Levels are indicated.

The graph on p. 18 shows the cumulative DART performance for the current performance year, compared to goals and the previous year's performance.

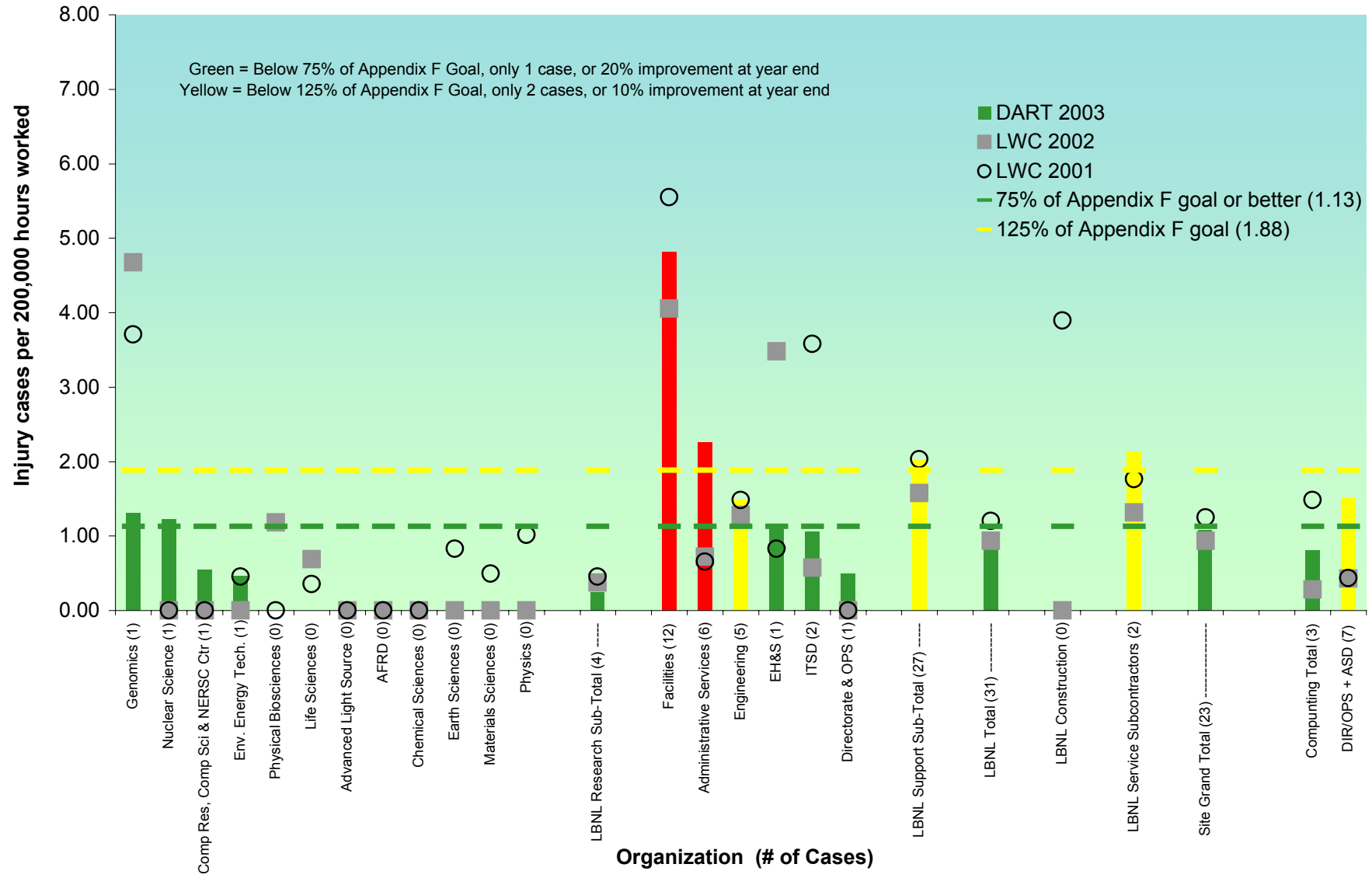
Berkeley Lab Total Recordable Case Rates (TRC), July 2002 - June 2003



Berkeley Lab & Contractors Cumulative Total Recordable Cases By Self-Assessment Year



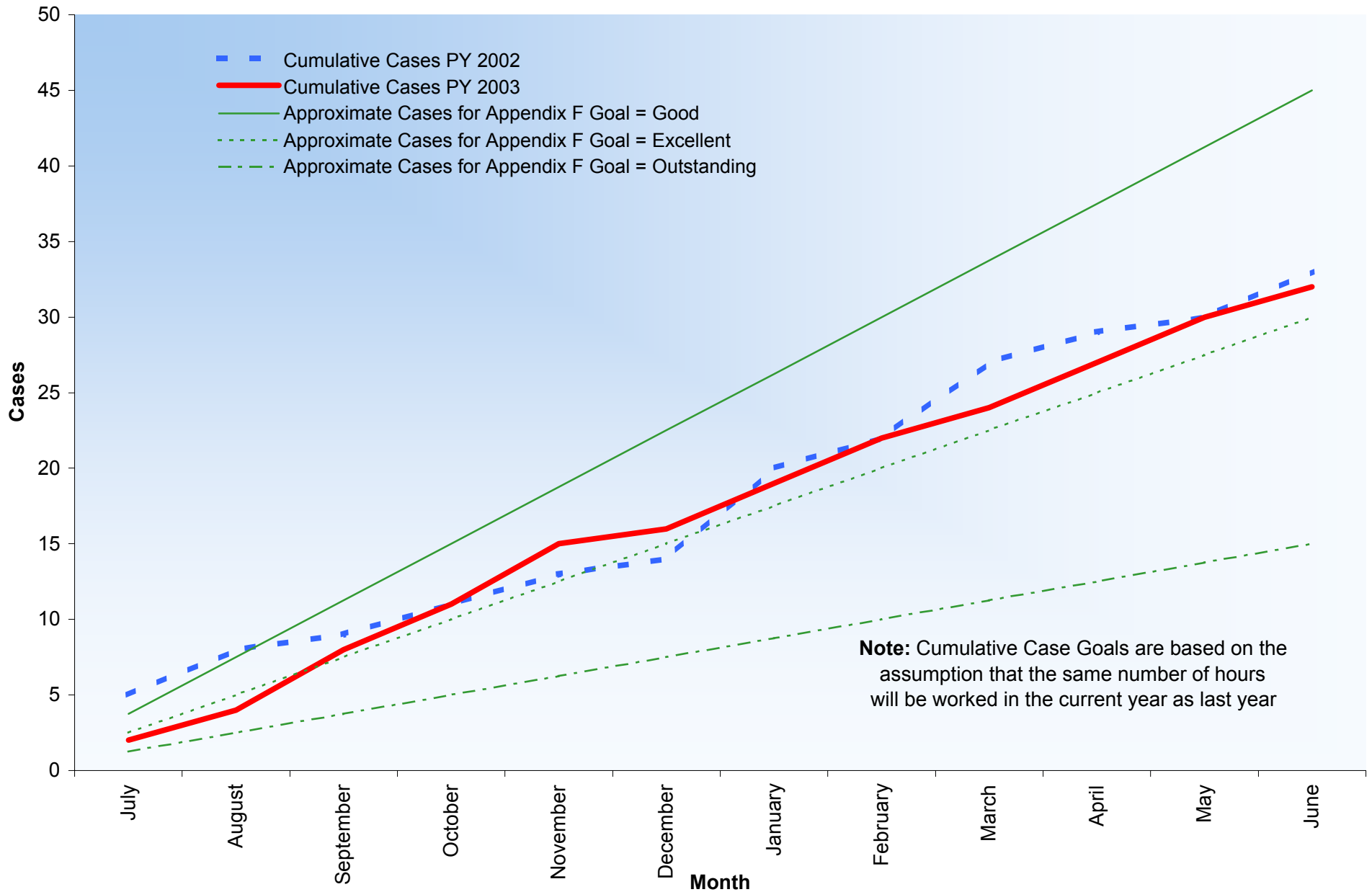
Berkeley Lab Days Away, Restricted of Transferred Cases (DART) July 2002 - June 2003



Berkeley Lab & Contractors

Cumulative DART (Days Away, Restricted, Transferred) Cases

By Self-Assessment Year



Matrix Tables

The matrix tables on pp. 20 and 21 are designed to summarize division performance with respect to Self-Assessment and Appendix F goals. The injuries for the Appendix F and Self-Assessment years to date are summarized on the right hand side, and they are compared to the estimated number of cases that will result in green and yellow ratings.

Total Recordable Cases are shown on p.20, DART Cases on p. 21.

LBNL Total Recordable Cases July 1, 2002 - September 30, 2003

	FY 2002-2003												FY 2003-2004			FY 2004-2005				FY 2005-2006				FY 2006-2007				FY 2007-2008				FY 2008-2009				FY 2009-2010				FY 2010-2011				FY 2011-2012				FY 2012-2013				FY 2013-2014				FY 2014-2015				FY 2015-2016				FY 2016-2017				FY 2017-2018				FY 2018-2019				FY 2019-2020				FY 2020-2021				FY 2021-2022				FY 2022-2023				FY 2023-2024				FY 2024-2025				FY 2025-2026				FY 2026-2027				FY 2027-2028				FY 2028-2029				FY 2029-2030				FY 2030-2031				FY 2031-2032				FY 2032-2033				FY 2033-2034				FY 2034-2035				FY 2035-2036				FY 2036-2037				FY 2037-2038				FY 2038-2039				FY 2039-2040				FY 2040-2041				FY 2041-2042				FY 2042-2043				FY 2043-2044				FY 2044-2045				FY 2045-2046				FY 2046-2047				FY 2047-2048				FY 2048-2049				FY 2049-2050				FY 2050-2051				FY 2051-2052				FY 2052-2053				FY 2053-2054				FY 2054-2055				FY 2055-2056				FY 2056-2057				FY 2057-2058				FY 2058-2059				FY 2059-2060				FY 2060-2061				FY 2061-2062				FY 2062-2063				FY 2063-2064				FY 2064-2065				FY 2065-2066				FY 2066-2067				FY 2067-2068				FY 2068-2069				FY 2069-2070				FY 2070-2071				FY 2071-2072				FY 2072-2073				FY 2073-2074				FY 2074-2075				FY 2075-2076				FY 2076-2077				FY 2077-2078				FY 2078-2079				FY 2079-2080				FY 2080-2081				FY 2081-2082				FY 2082-2083				FY 2083-2084				FY 2084-2085				FY 2085-2086				FY 2086-2087				FY 2087-2088				FY 2088-2089				FY 2089-2090				FY 2090-2091				FY 2091-2092				FY 2092-2093				FY 2093-2094				FY 2094-2095				FY 2095-2096				FY 2096-2097				FY 2097-2098				FY 2098-2099				FY 2099-2100				FY 2100-2101				FY 2101-2102				FY 2102-2103				FY 2103-2104				FY 2104-2105				FY 2105-2106				FY 2106-2107				FY 2107-2108				FY 2108-2109				FY 2109-2110				FY 2110-2111				FY 2111-2112				FY 2112-2113				FY 2113-2114				FY 2114-2115				FY 2115-2116				FY 2116-2117				FY 2117-2118				FY 2118-2119				FY 2119-2120				FY 2120-2121				FY 2121-2122				FY 2122-2123				FY 2123-2124				FY 2124-2125				FY 2125-2126				FY 2126-2127				FY 2127-2128				FY 2128-2129				FY 2129-2130				FY 2130-2131				FY 2131-2132				FY 2132-2133				FY 2133-2134				FY 2134-2135				FY 2135-2136				FY 2136-2137				FY 2137-2138				FY 2138-2139				FY 2139-2140				FY 2140-2141				FY 2141-2142				FY 2142-2143				FY 2143-2144				FY 2144-2145				FY 2145-2146				FY 2146-2147				FY 2147-2148				FY 2148-2149				FY 2149-2150				FY 2150-2151				FY 2151-2152				FY 2152-2153				FY 2153-2154				FY 2154-2155				FY 2155-2156				FY 2156-2157				FY 2157-2158				FY 2158-2159				FY 2159-2160				FY 2160-2161				FY 2161-2162				FY 2162-2163				FY 2163-2164				FY 2164-2165				FY 2165-2166				FY 2166-2167				FY 2167-2168				FY 2168-2169				FY 2169-2170				FY 2170-2171				FY 2171-2172				FY 2172-2173				FY 2173-2174				FY 2174-2175				FY 2175-2176				FY 2176-2177				FY 2177-2178				FY 2178-2179				FY 2179-2180				FY 2180-2181				FY 2181-2182				FY 2182-2183				FY 2183-2184				FY 2184-2185				FY 2185-2186				FY 2186-2187				FY 2187-2188				FY 2188-2189				FY 2189-2190				FY 2190-2191				FY 2191-2192				FY 2192-2193				FY 2193-2194				FY 2194-2195				FY 2195-2196				FY 2196-2197				FY 2197-2198				FY 2198-2199				FY 2199-2200				FY 2200-2201				FY 2201-2202				FY 2202-2203				FY 2203-2204				FY 2204-2205				FY 2205-2206				FY 2206-2207				FY 2207-2208				FY 2208-2209				FY 2209-2210				FY 2210-2211				FY 2211-2212				FY 2212-2213				FY 2213-2214				FY 2214-2215				FY 2215-2216				FY 2216-2217				FY 2217-2218				FY 2218-2219				FY 2219-2220				FY 2220-2221				FY 2221-2222				FY 2222-2223				FY 2223-2224				FY 2224-2225				FY 2225-2226				FY 2226-2227				FY 2227-2228				FY 2228-2229				FY 2229-2230				FY 2230-2231				FY 2231-2232				FY 2232-2233				FY 2233-2234				FY 2234-2235				FY 2235-2236				FY 2236-2237				FY 2237-2238				FY 2238-2239				FY 2239-2240				FY 2240-2241				FY 2241-2242				FY 2242-2243				FY 2243-2244				FY 2244-2245				FY 2245-2246				FY 2246-2247				FY 2247-2248				FY 2248-2249				FY 2249-2250				FY 2250-2251				FY 2251-2252				FY 2252-2253				FY 2253-2254				FY 2254-2255				FY 2255-2256				FY 2256-2257				FY 2257-2258				FY 2258-2259				FY 2259-2260				FY 2260-2261				FY 2261-2262				FY 2262-2263				FY 2263-2264				FY 2264-2265				FY 2265-2266				FY 2266-2267				FY 2267-2268				FY 2268-2269				FY 2269-2270				FY 2270-2271				FY 2271-2272				FY 2272-2273				FY 2273-2274				FY 2274-2275				FY 2275-2276				FY 2276-2277				FY 2277-2278				FY 2278-2279				FY 2279-2280				FY 2280-2281				FY 2281-2282				FY 2282-2283				FY 2283-2284				FY 2284-2285				FY 2285-2286				FY 2286-2287				FY 2287-2288				FY 2288-2289				FY 2289-2290				FY 2290-2291				FY 2291-2292				FY 2292-2293				FY 2293-2294				FY 2294-2295				FY 2295-2296				FY 2296-2297				FY 2297-2298				FY 2298-2299				FY 2299-2300				FY 2300-2301				FY 2301-2302				FY 2302-2303				FY 2303-2304				FY 2304-2305				FY 2305-2306				FY 2306-2307				FY 2307-2308				FY 2308-2309				FY 2309-2310				FY 2310-2311				FY 2311-2312				FY 2312-2313				FY 2313-2314				FY 2314-2315				FY 2315-2316				FY 2316-2317				FY 2317-2318				FY 2318-2319				FY 2319-2320				FY 2320-2321				FY 2321-2322				FY 2322-2323				FY 2323-2324				FY 2324-2325				FY 2325-2326				FY 2326-2327				FY 2327-2328				FY 2328-2329				FY 2329-2330				FY 2330-2331				FY 2331-2332				FY 2332-2333				FY 2333-2334				FY 2334-2335				FY 2335-2336				FY 2336-2337				FY 2337-2338				FY 2338-2339				FY 2339-2340				FY 2340-2341				FY 2341-2342				FY 2342-2343				FY 2343-2344				FY 2344-2345				FY 2345-2346				FY 2346-2347				FY 2347-2348				FY 2348-2349				FY 2349-2350				FY 2350-2351				FY 2351-2352				FY 2352-2353				FY 2353-2354				FY 2354-2355				FY 2355-2356				FY 2356-2357				FY 2357-2358				FY 2358-2359				FY 2359-2360				FY 2360-2361				FY 2361-2362				FY 2362-2363				FY 2363-2364				FY 2364-2365				FY 2365-2366				FY 2366-2367				FY 2367-2368				FY 2368-2369				FY 2369-2370				FY 2370-2371				FY 2371-2372				FY 2372-2373				FY 2373-2374				FY 2374-2375				FY 2375-2376				FY 2376-2377				FY 2377-2378				FY 2378-2379				FY 2379-2380				FY 2380-2381				FY 2381-2382				FY 2382-2383				FY 2383-2384				FY 2384-2385				FY 2385-2386				FY 2386-2387				FY 2387-2388				FY 2388-2389				FY 2389-2390				FY 2390-2391				FY 2391-2392				FY 2392-2393				FY 2393-2394				FY 2394-2395				FY 2395-2396				FY 2396-2397				FY 2397-2398				FY 2398-2399				FY 2399-2400				FY 2400-2401				FY 2401-2402				FY 2402-2403				FY 2403-2404				FY 2404-2405				FY 2405-2406				FY 2406-2407				FY 2407-2408				FY 2408-2409				FY 2409-2410				FY 2410-2411				FY 2411-2412				FY 2412-2413				FY 2413-2414				FY 2414-2415				FY 2415-2416				FY 2416-2417				FY 2417-2418				FY 2418-2419				FY 2419-2420				FY 2420-2421				FY 2421-2422				FY 2422-2423				FY 2423-2424				FY 2424-2425				FY 2425-2426				FY 2426-2427				FY 2427-2428				FY 2428-2429				FY 2429-2430				FY 2430-2431				FY 2431-2432				FY 2432-2433				FY 2433-2434				FY 2434-2435				FY 2435-2436				FY 2436-2437				FY 2437-2438				FY 2438-2439				FY 2439-2440				FY 2440-2441				FY 2441-2442				FY 2442-2443				FY 2443-2444				FY 2444-2445				FY 2445-2446				FY 2446-2447				FY 2447-2448				FY 2448-2449				FY 2449-2450				FY 2450-2451				FY 2451-2452				FY 2452-2453				FY 2453-2454				FY 2454-2455				FY 2455-2456				FY 2456-2457				FY 2457-2458				FY 2458-2459				FY 2459-2460				FY 2460-2461				FY 2461-2462				FY 2462-2463				FY 2463-2464				FY 2464-2465				FY 2465-2466				FY 2466-2467				FY 2467-2468				FY 2468-2469				FY 2469-2470				FY 2470-2471				FY 2471-2472				FY 2472-2473				FY 2473-2474				FY 2474-2475				FY 2475-2476				FY 2476-2477				FY 2477-2478				FY 2478-2479				FY 2479-2480				FY 2480-2481				FY 2481-2482				FY 2482-2483				FY 2483-2484				FY 2484-2485				FY 2485-2486				FY 2486-2487				FY 2487-2488				FY 2488-2489				FY 2489-2490				FY 2490-2491				FY 2491-2492				FY 2492-2493				FY 2493-2494				FY 2494-2495				FY 2495-2496				FY 2496-2497				FY 2497-2498				FY 2498-2499				FY 2499-2500				FY 2500-2501				FY 2501-2502				FY 2502-2503				FY 2503-2504				FY 2504-2505				FY 2505-2506				FY 2506-2507				FY 2507-2508				FY 2508-2509				FY 2509-2510				FY 2510-2511				FY 2511-2512				FY 2512-2513				FY 2513-2514				FY 2514-2515				FY 2515-2516				FY 2516-2517				FY 2517-2518				FY 2518-2519				FY 2519-2520				FY 2520-2521				FY 2521-2522				FY 2522-2523				FY 2523-2524				FY 2524-2525				FY 2525-2526				FY 2526-2527				FY 2527-2528				FY 2528-2529				FY 2529-2530				FY 2530-2531				FY 2531-2532				FY 2532-2533				FY 2533-2534				FY 2534-2535				FY 2535-2536				FY 2536-2537				FY 2537-2538				FY 2538-2539				FY 2539-2540				FY 2540-2541				FY 2541-2542				FY 2542-2543				FY 2543-2544				FY 2544-2545				FY 2545-2546				FY 2546-2547				FY 2547-2548				FY 2548-2549				FY 2549-2550				FY 2550-2551				FY 2551-2552				FY 2552-2553				FY 2553-2554				FY 2554-2555				FY 2555-2556				FY 2556-2557				FY 2557-2558				FY 2558-2559				FY 2559-2560				FY 2560-2561				FY 2561-2562				FY 2562-2563				FY 2563-2564				FY 2564-2565				FY 2565-2566				FY 2566-2567				FY 2567-2568				FY 2568-2569				FY 2569-2570				FY 2570-2571				FY 2571-2572				FY 2572-2573				FY 2573-2574				FY 2574-2575				FY 2575-2576				FY 2576-2577				FY 2577-2578				FY 2578-2579				FY 2579-2580				FY 2580-2581				FY 2581-2582				FY 2582-2583				FY 2583-2584				FY 2584-2585				FY 2585-2586				FY 2586-2587				FY 2587-2588				FY 2588-2589				FY 2589-2590				FY 2590-2591				FY 2591-2592				FY 2592-2593				FY 2593-2594				FY 2594-2595				FY 2595-2596				FY 2596-2597				FY 2597-2598				FY 2598-2599				FY 2599-2600				FY 2600-2601				FY 2601-2602				FY 2602-2603				FY 2603-2604				FY 2604-2605				FY 2605-2606				FY 2606-2607				FY 2607-2608				FY 2608-2609				FY 2609-2610				FY 2610-2611				FY 2611-2612				FY 2612-2613				FY 2613-2614				FY 2614-2615				FY 2615-2616				FY 2616-2617				FY 2617-2618				FY 2618-2619				FY 2619-2620				FY 2620-2621				FY 2621-2622				FY 2622-2623				FY 2623-2624				FY 2624-2625				FY 2625-2626				FY 2626-2627				FY 2627-2628				FY 2628-2629				FY 2629-2630				FY 2630-2631				FY 2631-2632				FY 2632-2633				FY 2633-2634				FY 2634-2635				FY 2635-2636				FY 2636-2637				FY 2637-2638				FY 2638-2639				FY 2639-2640				FY 2640-2641				FY 2641-2642				FY 2642-2643				FY 2643-2644				FY 2644-2645				FY 2645-2646				FY 2646-2647				FY 2647-2648				FY 2648-2649				FY 2649-2650				FY 2650-2651				FY 2651-2652				FY 2652-2653				FY			
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Color Gradation Key: 0 1 2 3 4 5 6 7 8+

Notes: Projections assume that hours worked will remain constant
Final division ratings will be subject to adjustment for other criteria

Data as of 7/7/2003

*Green: Projected maximum cases to get a TRC rate of 1.97 (75% of good & excellent avg)
*Yellow: Projected maximum cases to get a TRC rate of 3.28 (125% of good & excellent avg)

Site-Wide 2003 App F Good: TRC < 3.00, no more than 92 cases
Site-Wide 2003 App F Excellent: TRC < 2.25, no more than 69 cases
Site-Wide 2003 App F Outstanding: TRC < 1.5, no more than 46 cases

LBNL DART (Days Away, Restricted, Transferred) Cases July 1, 2002 - September 30, 2003

	Self-Assessment Year												App F Year			
	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Total YTD	Self-Assessment Goals		Total YTD
														Green *	Yellow *	
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Chemical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Comp Res, Comp Sci & NERSC Ctr	0	0	0	0	0	0	0	1	0	0	0	0	1	2	3	1
Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
Environmental Energy Tech.	0	0	0	0	0	0	1	0	0	0	0	0	1	2	4	1
Life Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0
Materials Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0
Nuclear Science	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1
Physical Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
Genomics	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
LBNL Research Sub-Total	0	0	0	0	1	0	1	1	0	0	0	1	4	18	30	4
Administrative Services	0	1	1	0	2	1	0	0	0	1	0	0	6	3	5	4
Directorate/OPS	0	0	0	0	1	0	0	0	0	0	0	0	1	2	3	1
Engineering	0	0	2	0	0	0	1	0	1	0	1	0	5	4	7	3
Environment, Health & Safety	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
Facilities	1	1	1	2	0	0	1	1	1	2	1	1	12	2	4	9
ITS Div	0	0	0	1	0	0	0	0	0	0	1	0	2	2	3	2
LBNL Support Sub-Total	2	2	4	3	3	1	2	1	2	3	3	1	27	15	26	19
LBNL Total	6	2	4	3	4	1	3	2	2	3	3	2	31	33	56	23
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Service Subcontractors	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1
Site Grand Total	6	2	4	3	4	1	3	3	2	3	3	2	32	33	57	24
Prior Year Site Grand Total	6	3	1	2	2	1	5	3	5	2	1	3	34	35	58	31

Color Gradation Key: 0 1 2 3 4 5 5 7 8+

Notes: Projections assume that hours worked will remain constant
Final division ratings will be subject to adjustment for other criteria

Data as of 7/7/2003

Green: Projected maximum cases to get an LWC rate of 1.13 (75% of App F Goal of 1.50)
Yellow: Projected maximum cases to get an LWC rate of 1.88 (125% of App F Goal of 1.50)

Site-Wide 2003 App F Good: LWC < 1.50, no more than 46 cases
Site-Wide 2003 App F Excellent: LWC < 1.00, no more than 30 cases
Site-Wide 2003 App F Outstanding: LWC < .05, no more than 15 cases

Site-Wide Ergonomics

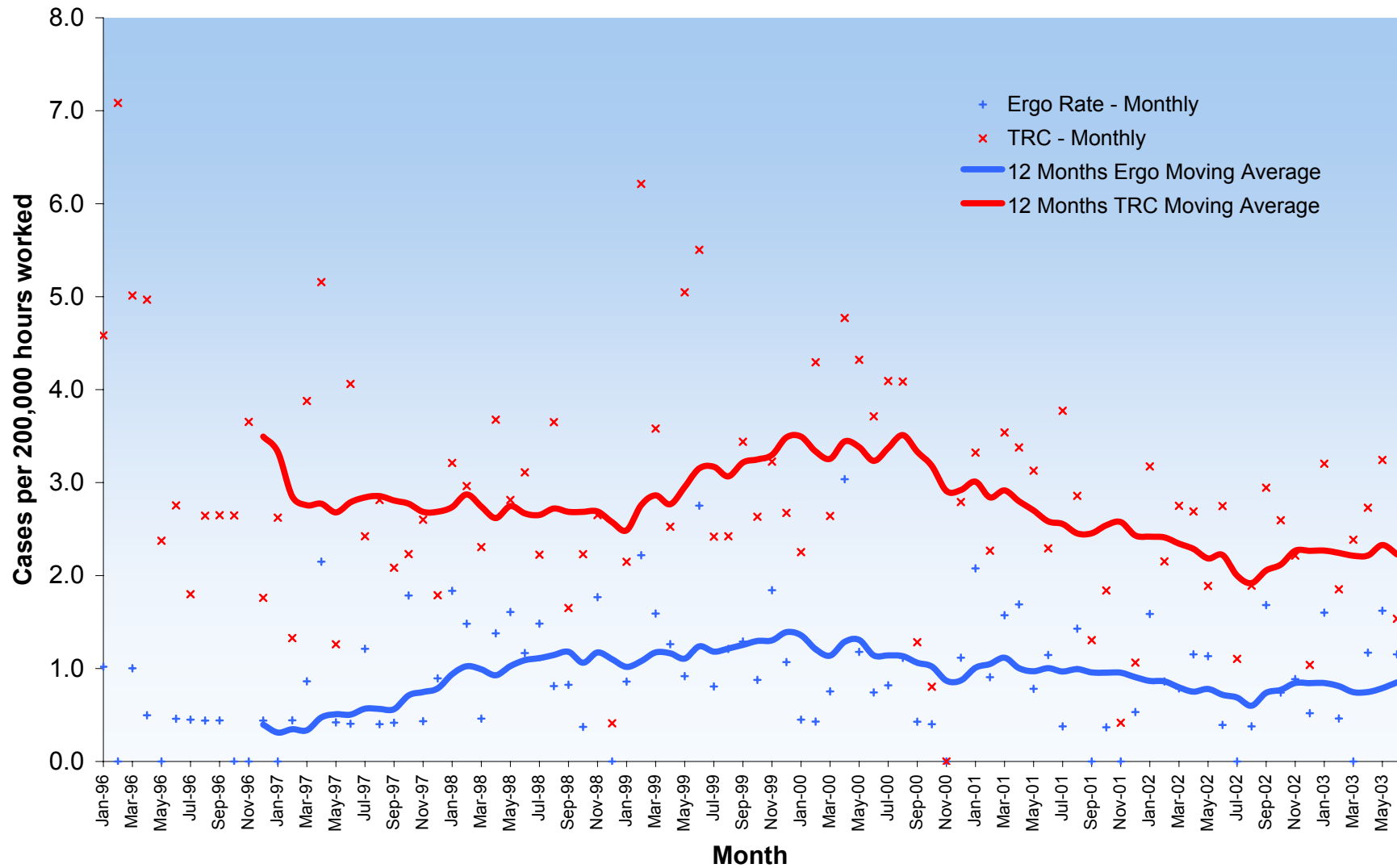
Ergonomic injuries represent about one third of all Berkeley Lab injuries.

The graph on p. 23 depicts the ergonomic injury rates as well as the total recordable case rates as 12-months moving averages.

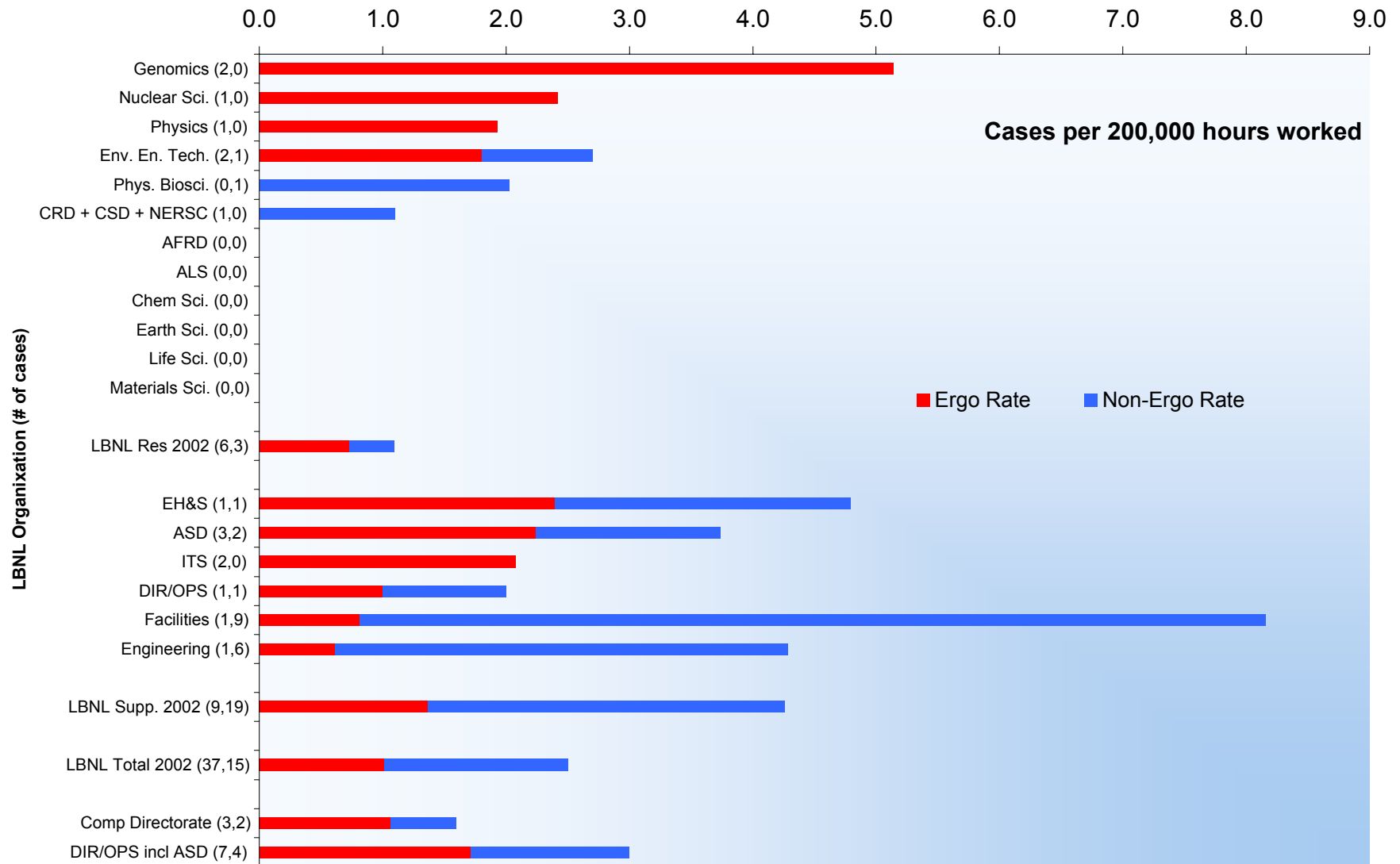
On p. 24 the breakdown of ergonomic vs. non-ergonomic injuries is shown for the divisions.

Additional information on ergonomic rates for specific divisions are available through Division EH&S Liaisons.

Berkeley Laboratory TRC & Ergonomics Rates



Ergonomics & Non-Ergonomics Injury Frequency Rates **January - June 2003**



Directorate / OPS Summary Charts

Since most of the injuries at the Berkeley Lab are incurred by personnel in the support functions, a few graphs are provided to allow more detailed tracking of injury rates among support organizations reporting to the Deputy Director for Operations.

A TRC Matrix Table for support organizations is shown on p. 26. It is similar to the one shown on p. 20, but also shows the values for the prior year.

A DART Matrix Table for support organizations is shown on p. 27. It is similar to the one shown on p. 21, but also shows the values for the prior year.

TRC rates for support organizations are further broken down in the graph on p. 28.

DART rates for support organizations are further broken down in the graph on p. 29.

Benson Reports - Total Recordable Cases July 1, 2002 - September 30, 2003

	App F Year												App F Year			
	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Self-Assessment Year	Total YTD	Self-Assessment Goals	Total YTD
Administrative Services	0	1	1	0	2	1	1	0	0	2	2	0		10	5	9
previous year	2	0	0	0	0	0	2	1	0	0	1	2	0	8		8
Directorate/OPS	0	0	1	0	1	0	2	0	0	0	0	0		4	3	6
previous year	0	1	0	1	0	0	0	0	0	1	0	1	0	4		3
Engineering	1	0	2	1	0	0	2	1	2	1	1	0		11	7	12
previous year	2	3	1	1	0	0	0	2	2	1	1	0	1	13		9
Environment, Health & Safety	1	0	0	0	0	0	0	1	0	0	1	0		3	2	3
previous year	1	0	0	1	1	0	1	0	0	0	0	0	1	4		4
Facilities	1	2	2	2	0	0	1	1	3	2	2	1		17	4	8
previous year	2	0	1	1	0	2	3	1	3	1	0	2	1	16		18
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
previous year	0	0	1	0	0	0	0	0	0	0	0	0	0	1		0
LBNL Service Subcontractors	0	0	2	0	0	0	0	1	0	0	0	0		3	1	2
previous year	0	0	1	0	1	0	0	1	0	0	0	0	0	3		4
Benson Reports	3	3	8	3	3	1	6	4	5	5	6	1		48	22	40
previous year	7	4	4	4	2	2	6	5	5	3	2	5	3	49		46

Color Gradation Key: 0 1 2 3 4 5 6 7 8+

*Green: Projected maximum cases to get a TRC rate of 1.97 (75% of good & excellent avg)
 *Yellow: Projected maximum cases to get a TRC rate of 3.28 (125% of good & excellent avg)

Data as of 7/7/2003

Notes: Projections assume that hours worked will remain constant
 Final division ratings will be subject to adjustment for other criteria

Site-Wide 2003 App F Good: TRC < 3.00, no more than 92 cases
 Site-Wide 2003 App F Excellent: TRC < 2.25, no more than 69 cases
 Site-Wide 2003 App F Outstanding: TRC < 1.5, no more than 46 cases

Benson Reports - DART (Days Away, Restricted, Transferred) Cases July 1, 2002 - September 30, 2003

	App F Year												App F Year				
	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Self-Assessment Year	Total YTD	Self-Assessment Goals	Total YTD	
															Green *	Yellow *	
Administrative Services	0	1	1	0	2	1	0	0	0	1	0	0		6	3	5	4
previous year	1	0	0	0	0	0	0	0	0	0	0	2	0	4			5
Directorate/OPS	0	0	0	0	1	0	0	0	0	0	0	0		1	2	3	1
previous year	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
Engineering	0	0	2	0	0	0	1	0	1	0	1	0		5	4	7	3
previous year	1	2	0	0	0	0	0	1	1	1	0	0	0	6			4
Environment, Health & Safety	1	0	0	0	0	0	0	0	0	0	0	0		1	1	1	0
previous year	1	0	0	1	1	0	1	0	0	0	0	0	1	4			4
Facilities	1	1	1	2	0	0	1	1	1	2	1	1		12	2	4	9
previous year	1	0	1	0	0	1	3	0	3	1	0	1	1	11			12
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
previous year	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
LBNL Service Subcontractors	0	0	0	0	0	0	0	1	0	0	0	0		1	0	1	1
previous year	0	0	0	0	1	0	0	0	0	0	0	0	0	1			1
Benson Reports	2	2	4	2	3	1	2	2	2	3	2	1		26	12	21	18
previous year	4	2	1	1	2	1	4	1	4	2	0	3	2	26			25

Color Gradation Key: 0 1 2 3 4 5 6 7 8+

Notes: Projections assume that hours worked will remain constant
Final division ratings will be subject to adjustment for other criteria

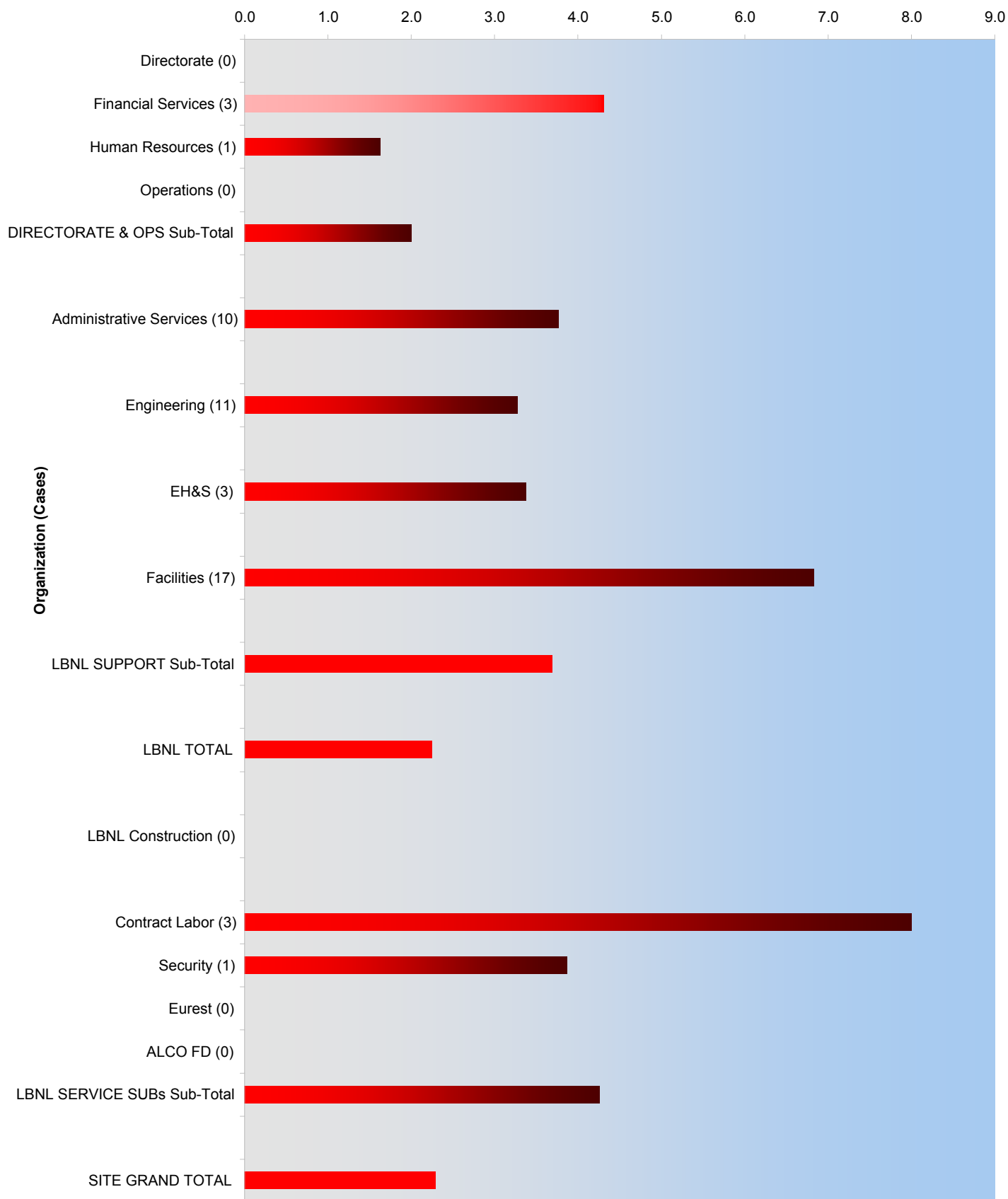
Data as of 7/7/2003

Green: Projected maximum cases to get an LWC rate of 1.13 (75% of App F Goal of 1.50)
Yellow: Projected maximum cases to get an LWC rate of 1.88 (125% of App F Goal of 1.50)

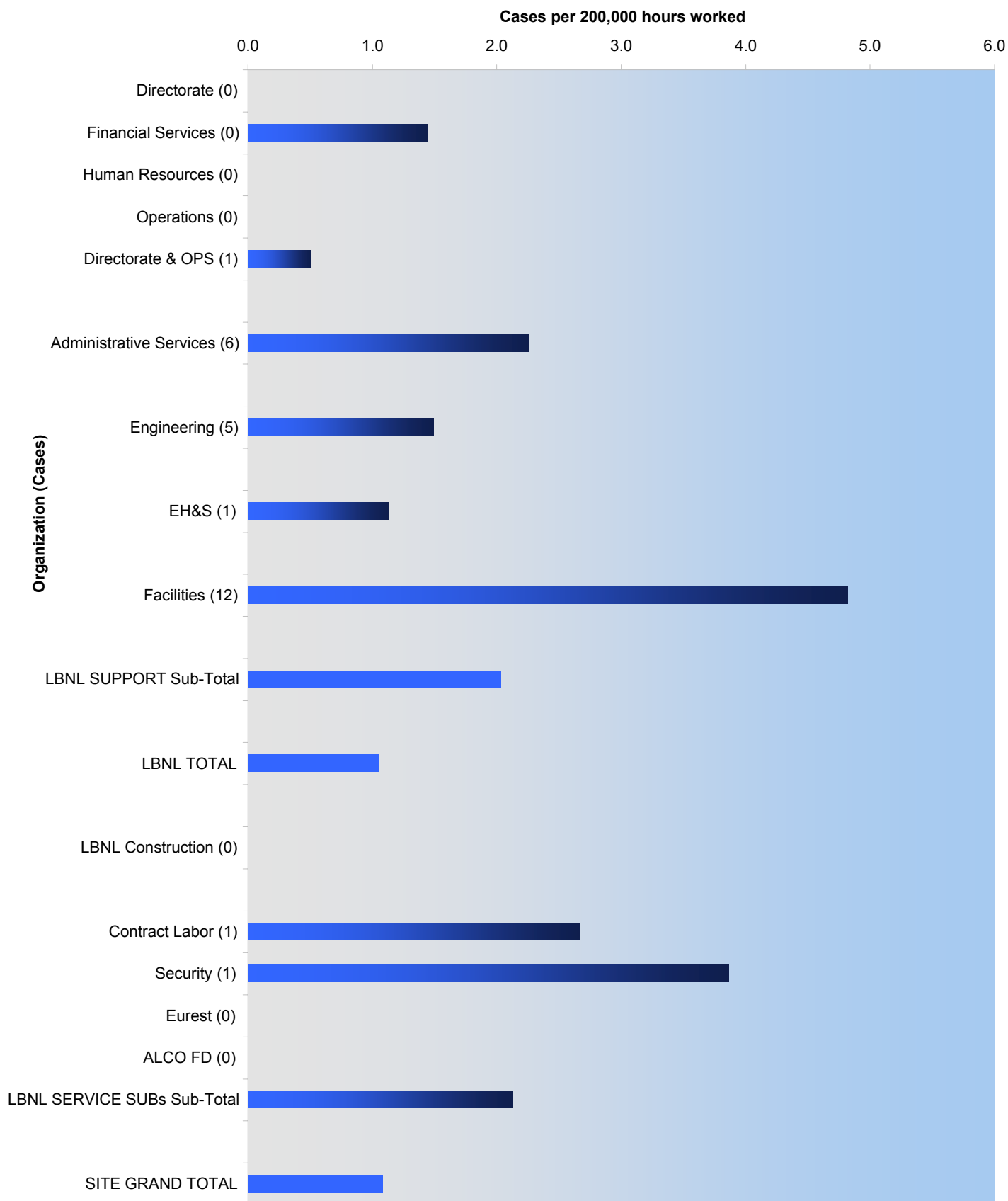
Site-Wide 2003 App F Good: LWC < 1.50, no more than 46 cases
Site-Wide 2003 App F Excellent: LWC < 1.00, no more than 30 cases
Site-Wide 2003 App F Outstanding: LWC < .05, no more than 15 cases

Benson Reports - Total Recordable Case Rates (TRC) **July 2002 - June 2003**

Cases per 200,000 hours worked



**Benson Reports - Days Away, Restricted of Transferred Cases (DART)
July 2002 - June 2003**



Additional Division Charts

Annually, the EH&S Division prepares a detailed analysis of injuries for each division at the Laboratory. This analysis is usually available in August or September.

Additional analyses and charts for individual divisions are available through the respective EH&S Division Liaison